

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	301	29/603.03,603.06,603.07.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:51
S2	28	(actuator adj arm) and (suspension adj arm) and swage	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:06
S3	2	29/603.03,603.06,603.07.ccls. and ((actuator adj arm) and (suspension adj arm) and swage)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 11:59
S4	18	("4796122" "4943875" "4947275" "4991045" "5185683" "5198945" "5296984" "5313355" "5323284" "5355267" "5390060" "5428489" "5461525" "5495375" "5497282" "5579190" "5631789" "5657531").PN.	USPAT	OR	ON	2003/05/10 12:01
S5	17	("4544972" "4754353" "4807054" "4829395" "4870525" "4912583" "4985652" "4991045" "5027242" "5109310" "5153794" "5172286" "5184265" "5189577" "5191705" "5214552" "5283704").PN.	USPAT	OR	ON	2003/05/10 12:04
S6	9	"5191705".URPN.	USPAT	OR	ON	2003/05/10 12:04
S7	9	"5191705".URPN.	USPAT	OR	ON	2003/05/10 12:06
S8	40	"5172286".URPN.	USPAT	OR	ON	2003/05/10 12:07
S9	11	("5172286" "5185683" "5313355" "5748409" "5815348" "6038103" "6052260" "6160684" "6175474" "6215624" "6230959").PN.	USPAT	OR	ON	2003/05/10 12:07
S10	20	("4829395" "5172286" "5225949" "5299081" "5461524" "5508860" "5535074" "5543982" "5646802" "5717549" "5748409" "5796555" "5833777" "5877919" "5912788" "5948997" "5973885" "6063508" "6128164" "6141868").PN.	USPAT	OR	ON	2003/05/10 12:07
S11	12	(US-6183841-\$ or US-6353994-\$ or US-5796555-\$ or US-6230959-\$ or US-5812343-\$ or US-5854721-\$ or US-5579190-\$ or US-6061896-\$ or US-5185683-\$ or US-5495375-\$ or US-6442001-\$ or US-5191705-\$).did.	USPAT	OR	OFF	2003/05/10 12:09

S12	0	((US-6183841-\$ or US-6353994-\$ or US-5796555-\$ or US-6230959-\$ or US-5812343-\$ or US-5854721-\$ or US-5579190-\$ or US-6061896-\$ or US-5185683-\$ or US-5495375-\$ or US-6442001-\$ or US-5191705-\$). did.) and lubricat\$3	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:10
S13	0	((US-6183841-\$ or US-6353994-\$ or US-5796555-\$ or US-6230959-\$ or US-5812343-\$ or US-5854721-\$ or US-5579190-\$ or US-6061896-\$ or US-5185683-\$ or US-5495375-\$ or US-6442001-\$ or US-5191705-\$). did.) and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:11
S14	8	((actuator adj arm) and (suspension adj arm) and swage) and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 13:15
S15	3	("3831265" "5100714" "5229899").PN.	USPAT	OR	ON	2003/05/10 12:14
S16	3	swage same (lubrica\$4 and immers\$3)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:17
S17	0	swage same (lubrica\$4 and vacuum)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:17
S18	52	swage and (lubrica\$4 and vacuum)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:17
S19	9	swage and (lubrica\$4 same vacuum)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:18
S20	0	swage and (lubrica\$4 same (vacuum adj deposition))	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:18
S21	1300	(lubrica\$4 and (vacuum adj deposition))	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:19
S22	0	29/603.03,603.06,603.07.ccls. and ((lubrica\$4 same (vacuum adj deposition)))	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:19
S23	0	((actuator adj arm) and (suspension adj arm) and swage) and ((lubrica\$4 same (vacuum adj deposition)))	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:19
S24	16	((lubrica\$4 same (vacuum adj deposition))) and (disk adj drive)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:23
S25	5	(((lubrica\$4 same (vacuum adj deposition))) and (disk adj drive)) and spray\$3	USPAT; JPO; DERWENT	OR	ON	2003/05/13 13:21

S26	16	(US-5364690-\$ or US-6035681-\$ or US-5191705-\$ or US-5185683-\$ or US-5495375-\$ or US-5579190-\$ or US-5812343-\$ or US-5854721-\$ or US-6183841-\$ or US-6353994-\$ or US-6442001-\$ or US-5796555-\$ or US-6230959-\$ or US-6061896-\$ or US-5820964-\$ or US-5879578-\$). did.	USPAT	OR	OFF	2003/05/10 12:24
S27	0	((US-5364690-\$ or US-6035681-\$ or US-5191705-\$ or US-5185683-\$ or US-5495375-\$ or US-5579190-\$ or US-5812343-\$ or US-5854721-\$ or US-6183841-\$ or US-6353994-\$ or US-6442001-\$ or US-5796555-\$ or US-6230959-\$ or US-6061896-\$ or US-5820964-\$ or US-5879578-\$). did.) and (lubrica\$3 same polymer)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:25
S28	1	((lubrica\$4 same (vacuum adj deposition))) and (disk adj drive) and (lubrica\$3 same polymer)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:25
S29	37	((lubrica\$4 same (vacuum adj deposition))) and (lubrica\$3 same polymer)	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:26
S30	271	(lubrica\$4 same (vacuum adj deposition))	USPAT; JPO; DERWENT	OR	ON	2003/05/10 12:29
S31	11	29/603.03,603.06,603.07.ccls. and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:04
S32	0	((actuator adj arm) and (suspension adj arm) and (swage adj boss)) and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:05
S33	0	(swage adj boss) with lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:06
S34	919	((swage adj boss) or boss) with lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:06
S35	0	(actuator adj arm) and (suspension adj arm) and ((swage adj boss) or boss) with lubrica\$4)	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:19
S36	12	((swage adj boss) or boss) with lubrica\$4) and (disk adj drive)	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:35
S37	0	(actuator adj arm) same (suspension adj arm) same lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:20
S38	23	((actuator adj arm) same (suspension adj arm)) and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:28

S39	70	(((swage adj boss) or boss) with lubrican\$4) and (boss with outside)	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:28
S40	3	("3831265" "5100714" "5229899").PN.	USPAT	OR	ON	2003/05/13 10:33
S41	2317	"184"/\$.ccls. and lubrican\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:54
S42	5	("184"/\$.ccls. and lubrican\$4) and (disk adj drive)	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:35
S43	0	"184"/\$.ccls. and lubrican\$4 and (swage adj (boss or plate))	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:39
S44	0	"184"/\$.ccls. and lubrican\$4 and (swage adj boss)	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:39
S45	160	"184"/\$.ccls. and lubrican\$4 and boss	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:40
S46	1	"184"/\$.ccls. and lubrican\$4 and swage	USPAT; JPO; DERWENT	OR	ON	2003/05/13 10:40
S47	75	("184"/\$.ccls. and lubrican\$4) and (joint with lubrican\$4)	USPAT; JPO; DERWENT	OR	ON	2003/05/13 11:10
S48	1	(US-5934412-\$).did.	USPAT	OR	OFF	2003/05/13 10:58
S49	1	((US-5934412-\$).did.) and lubrican\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 11:06
S50	3	("3831265" "5100714" "5229899").PN.	USPAT	OR	ON	2003/05/13 11:06
S51	2	(("3831265" "5100714" "5229899").PN.) and lubrican\$4	USPAT; JPO; DERWENT	OR	ON	2003/05/13 11:07
S52	6	((("184"/\$.ccls. and lubrican\$4) and (joint with lubrican\$4)) and (film with lubrican\$4))	USPAT; JPO; DERWENT	OR	ON	2003/05/13 11:10
S53	1	(US-5879578-\$).did.	USPAT	OR	OFF	2003/05/13 13:15
S54	0	((US-5879578-\$).did.) and spray\$3	USPAT; JPO; DERWENT	OR	ON	2003/05/13 13:17

S55	23	(US-5854721-\$ or US-5812343-\$ or US-6230959-\$ or US-5796555-\$ or US-6035681-\$ or US-5879578-\$ or US-5820964-\$ or US-5364690-\$ or US-6525908-\$ or US-6228570-\$ or US-5618639-\$ or US-6339273-\$ or US-5934412-\$ or US-5211261-\$ or US-4987975-\$ or US-5191705-\$ or US-5185683-\$ or US-5495375-\$ or US-5579190-\$ or US-6061896-\$ or US-6353994-\$ or US-6183841-\$ or US-6442001-\$).did.	USPAT	OR	OFF	2003/05/13 13:17
S56	4	((US-5854721-\$ or US-5812343-\$ or US-6230959-\$ or US-5796555-\$ or US-6035681-\$ or US-5879578-\$ or US-5820964-\$ or US-5364690-\$ or US-6525908-\$ or US-6228570-\$ or US-5618639-\$ or US-6339273-\$ or US-5934412-\$ or US-5211261-\$ or US-4987975-\$ or US-5191705-\$ or US-5185683-\$ or US-5495375-\$ or US-5579190-\$ or US-6061896-\$ or US-6353994-\$ or US-6183841-\$ or US-6442001-\$).did.) and spray\$3	USPAT; JPO; DERWENT	OR	ON	2003/05/13 13:18
S57	121	lubrica\$4 with (vacuum adj deposition)	USPAT; JPO; DERWENT	OR	ON	2003/05/13 13:23
S58	7	lubrica\$4 with ((vacuum adj deposition) same spray\$3)	USPAT; JPO; DERWENT	OR	ON	2003/05/13 13:23
S11 3	3616	Crowder-Mark-S.in. or Rupp JR-Richard-E.in. or McCrandall-John.in.	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:54
S11 4	3	Crowder-Mark-S.in.	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:53
S11 5	3613	Rupp JR-Richard-E.in.	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:53
S11 6	4	Rupp-JR-Richard-E.in.	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:53
S11 7	0	McCrandall-John.in.	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:54
S11 8	7	S114 or S116	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:54
S11 9	1	S118 and lubrican\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:58

S12 0	159	360/265.6,266.1,264.1.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:55
S12 1	489	184/6.26,14.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:55
S12 2	43	swage adj boss	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:59
S12 3	648	S120 or S121	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:56
S12 4	134	S123 and lubrican\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:58
S12 5	0	S122 and S124	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:56
S12 6	1	S122 and lubrican\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:56
S12 7	29	S122 and (actuat\$3 adj arm)	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:14
S12 8	1	S127 and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:57
S12 9	2	S118 and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:58
S13 0	321	S123 and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:02
S13 1	0	S122 and S130	USPAT; JPO; DERWENT	OR	ON	2005/06/06 13:58
S13 2	96254	(swage adj plate) or (sawge adj boss) or (mount\$3 adj plate)	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:00
S13 3	132	(swage adj plate) or (sawge adj boss)	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:00
S13 4	3	((swage adj plate) or (sawge adj boss)) same lubrica\$5	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:00
S13 5	306	S121 and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 16:05

S13 6	0	S133 and S135	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:02
S13 7	42	S121 and (lubrica\$4 with outer)	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:04
S13 8	2	S121 and (lubrica\$4 with wioth boss with outer)	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:03
S13 9	0	S121 and (lubrica\$4 with boss with outer)	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:03
S14 0	2368	actuat\$3 and (lubrica\$4 with outer)	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:04
S14 1	4761	actuat\$3 with lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:04
S14 2	1640	actuator with lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:05
S14 3	3	actuator with lubrica\$4 with swage	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:06
S14 4	3	S132 and S143	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:08
S14 5	11	lubricat\$3 near ((outer or (out adj side)) adj surface) with friction	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:08
S14 6	147	S141 and (actuat\$3 adj arm)	USPAT; JPO; DERWENT	OR	ON	2005/06/06 14:14
S14 7	27	(US-4215480-\$ or US-4987975-\$ or US-5185683-\$ or US-5191705-\$ or US-5211261-\$ or US-5364690-\$ or US-5495375-\$ or US-5579190-\$ or US-5618639-\$ or US-5796555-\$ or US-5812343-\$ or US-5820964-\$ or US-5854721-\$ or US-5879578-\$ or US-5934412-\$ or US-6035681-\$ or US-6061896-\$ or US-6183841-\$ or US-6228570-\$ or US-6230959-\$ or US-6339273-\$ or US-6353994-\$ or US-6442001-\$ or US-6525908-\$ or US-4990028-\$ or US-6449120-\$). did. or (US-6185075-\$).did.	USPAT	OR	ON	2005/06/06 15:19
S14 8	0	S139 and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 15:20

S14 9	15	S147 and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 16:02
S15 0	37	(actuator adj arm) with lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 16:08
S15 1	3	(actuator adj arm) near lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 16:02
S15 2	3	S151 and lubrica\$4	USPAT; JPO; DERWENT	OR	ON	2005/06/06 16:05